

Title (en)
INDUSTRIAL TWO-LAYER WOVEN FABRIC

Title (de)
ZWEILAGIGES INDUSTRIELLES VLIESGEWEBE

Title (fr)
TISSU INDUSTRIEL À DEUX COUCHES

Publication
EP 3476989 A4 20200311 (EN)

Application
EP 16915639 A 20160906

Priority
JP 2016076093 W 20160906

Abstract (en)
[origin: EP3476989A1] [Problem] To provide, in a woven fabric in which the yarn diameters of upper and lower warps are different, an industrial two-layer woven fabric having improved wear resistance, surface smoothness and marking characteristics, and having a long life by adjusting the balance between warps and wefts. [Solution] This industrial two-layer woven fabric is an industrial woven fabric in which an upper-surface-side woven fabric made of upper-surface-side warps and upper-surface-side wefts and a lower-surface-side woven fabric made of lower-surface-side warps and lower-surface-side wefts are joined by a joining yarn, wherein: a portion of the lower-surface-side warps is a lower-surface-side warp joining yarn that functions as the joining yarn for joining the upper-surface-side woven fabric and the lower-surface-side woven fabric by being woven with the upper-surface-side wefts; the yarn diameter of the lower-surface-side warp joining yarn and the yarn diameters of the respective upper-surface-side warps are all the same; and the yarn diameters of the respective lower-surface-side warps that do not function as the joining yarn are all the same and are greater than the yarn diameter of the upper-surface-side warps and the lower-surface-side warp joining yarn.

IPC 8 full level
D03D 11/00 (2006.01); **D21F 1/00** (2006.01); **D21F 1/10** (2006.01)

CPC (source: EP US)
D03D 11/00 (2013.01 - EP US); **D21F 1/0036** (2013.01 - EP); **D21F 11/00** (2013.01 - EP)

Citation (search report)
• [X] EP 0131940 A2 19850123 - KUFFERATH ANDREAS KG [DE]
• [X] EP 1630270 A2 20060301 - NIPPON FILCON KK [JP]
• See references of WO 2018047219A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3476989 A1 20190501; **EP 3476989 A4 20200311**; CA 3035858 A1 20180315; JP WO2018047219 A1 20190627;
US 2021254245 A1 20210819; WO 2018047219 A1 20180315

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